

Sl	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	4th A main	1	204.00	1.00	0.15	30.60			
	12th A cross	1	160.00	1.00	0.15	24.00			
	13th A cross	1	172.00	1.00	0.15	25.80			
	3rd A main	1	118.00	1.00	0.15	17.70			
	14th A cross	1	350.00	1.00	0.15	52.50			
10	KSRRB M400- Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 (P.No.158 I.No.20.18)					252.45	Cum	1848.44	466638.32
	Basic rate	1668.00							
	11% AD-HOC	183.48							
	Sub Total-1	1851.48							
	6% AW	111.09							
	Sub Total-2	1962.57							
	UGD Cut portion								
	2nd A main	1	202.00	1.00	0.225	45.45			
	11th A cross	1	220.00	1.00	0.225	49.50			
	5th A main	1	257.00	1.00	0.225	57.83			
	4th A main	1	204.00	1.00	0.225	45.90			
	12th A cross	1	160.00	1.00	0.225	36.00			
	13th A cross	1	172.00	1.00	0.225	38.70			
	3rd A main	1	118.00	1.00	0.225	26.55			
	14th A cross	1	350.00	1.00	0.225	78.75			
11	Providing and applying primer coat with ss bitumen emulsion on prepared surface of granular base such as WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications. MORTH Specification No.502 (P.No.160/I.No.21.6)					378.68	Cum	1962.57	743175.74
	Basic rate	26.00							
	11% AD-HOC	2.86							
	Sub Total-1	28.86							
	6% AW	1.73							
	Sub Total-2	30.59							
	UGD Cut portion								
	2nd A main	1	202.00	1.00		202.00			
	11th A cross	1	220.00	1.00		220.00			
	5th A main	1	257.00	1.00		257.00			
	4th A main	1	204.00	1.00		204.00			
	12th A cross	1	160.00	1.00		160.00			
	13th A cross	1	172.00	1.00		172.00			
	3rd A main	1	118.00	1.00		118.00			
	14th A cross	1	350.00	1.00		350.00			
	Profile correction								
	2nd A main	1	202.00	2.40		484.80			
	11th A cross	1	220.00	2.10		462.00			

Sl	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	5th A main	1	257.00	2.40		616.80			
	4th A main	1	204.00	3.00		612.00			
	12th A cross	1	160.00	2.70		432.00			
	13th A cross	1	172.00	2.50		430.00			
	3rd A main	1	118.00	2.50		295.00			
	14th A cross	1	350.00	2.00		700.00			
12	KSRRB M500- 15. Providing, laying dense graded bituminous macadam using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (50mm to 75mm), crushed aggregates of specified grading premixed with 4.5% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications MORTH Specification No.507 (P.No.162&163 It.No.21.17.6)					5715.60	Sqm	30.59	174849.35
	Basic rate	6717.00							
	11% AD-HOC	738.87							
	Sub Total-1	7455.87							
	6% AW	447.35							
	Sub Total-2	7903.22							
	UGD Cut portion								
	2nd A main	1	202.00	1.00	0.05	10.10			
	11th A cross	1	220.00	1.00	0.05	11.00			
	5th A main	1	257.00	1.00	0.05	12.85			
	4th A main	1	204.00	1.00	0.05	10.20			
	12th A cross	1	160.00	1.00	0.05	8.00			
	13th A cross	1	172.00	1.00	0.05	8.60			
	3rd A main	1	118.00	1.00	0.05	5.90			
	14th A cross	1	350.00	1.00	0.05	17.50			
	Profile correction								
	2nd A main	1	202.00	2.40	0.05	24.24			
	11th A cross	1	220.00	2.10	0.05	23.10			
	5th A main	1	257.00	2.40	0.05	30.84			
	4th A main	1	204.00	3.00	0.05	30.60			
	12th A cross	1	160.00	2.70	0.05	21.60			
	13th A cross	1	172.00	2.50	0.05	21.50			
	3rd A main	1	118.00	2.50	0.05	14.75			
	14th A cross	1	350.00	2.00	0.05	35.00			
13	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501. (P.No.161 & I.No.21.2)					285.78	Cum	7903.22	2258582.84
	Basic rate								
	11% AD-HOC	3.00							
	Sub Total-1	0.33							
	6% AW	3.33							
	Sub Total-2	0.20							
	2nd A main	3.53							
		1	202.00	5.60	1131.20				

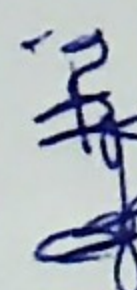
Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	11th A cross	1	220.00	5.60		1232.00			
	5th A main	1	257.00	5.40		1387.80			
	4th A main	1	204.00	5.10		1040.40			
	12th A cross	1	160.00	5.20		832.00			
	13th A cross	1	172.00	5.20		894.40			
	3rd A main	1	118.00	5.50		649.00			
	14th A cross	1	350.00	5.00		1750.00			
14	KSRRB 500-7: Providing and applying tack coat with bitumen emulsion using 80/100 grade bitumen (VG20) on the prepared black topped surface at 2.5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all materials, labour, HOM of Machineries complete as per Specifications. (P.No.160 & I.No.21.7)								31,474.52
	Basic rate	11.00							
	11% AD-HOC	1.21							
	Sub Total-1	12.21							
	6% AW	0.73							
	Sub Total-2	12.94							
	2nd A main	1	202.00	5.60		1131.20			
	11th A cross	1	220.00	5.60		1232.00			
	5th A main	1	257.00	5.40		1387.80			
	4th A main	1	204.00	5.10		1040.40			
	12th A cross	1	160.00	5.20		832.00			
	13th A cross	1	172.00	5.20		894.40			
	3rd A main	1	118.00	5.50		649.00			
	14th A cross	1	350.00	5.00		1750.00			
						8916.80	Sqm	12.94	115406.58
15	KSRRB M500- 15. Providing, laying bituminous Concrete using 40/60 THP capacity H.M.P with Mechanical paver Gr-II (30mm to 45mm), crushed aggregates of specified grading premixed with 5.4% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No.500.9 complete in all respects complete as per specifications MORTH Specification No.509 (P.No.164 Item No.21.22.6)								
	Basic rate	7659.00							
	11% AD-HOC	842.49							
	Sub Total-1	8501.49							
	6% AW	510.09							
	Sub Total-2	9011.58							
	2nd A main	1	202.00	5.60	0.04	45.25			
	11th A cross	1	220.00	5.60	0.04	49.28			
	5th A main	1	257.00	5.40	0.04	55.51			
	4th A main	1	204.00	5.10	0.04	41.62			
	12th A cross	1	160.00	5.20	0.04	33.28			
	13th A cross	1	172.00	5.20	0.04	35.78			
	3rd A main	1	118.00	5.50	0.04	25.96			
	14th A cross	1	350.00	5.00	0.04	70.00			
						356.67	Cum	9011.58	3214178.05

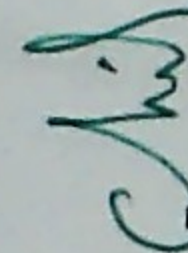
Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
16	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete (P.No-25, I No-5.30)								
	Basic rate	313.00							
	11% AD-HOC	34.43							
	Sub Total-1	347.43							
	6% AW	20.85							
	Sub Total-2	368.28							
	2	2	22.00			44.00			
	B = A/0.45				A	44.00			
					B	98.00	Nos	368.28	36,091.03
17	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (P.No-183, I No-24.1)								
	Basic rate	60.00							
	11% AD-HOC	6.60							
	Sub Total-1	66.60							
	6% AW	4.00							
	Sub Total-2	70.60							
	2	2	300.00	0.35		210.00			
						210.00	Sqm	70.60	14,825.16
18	KSRRB M800-13: Road marking with hot applied thermoplastic compound with reflect rising glass beads on bituminous surface- providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface to level, uniform and free from streaks and holes complete as per specifications. MORTH specification No. 803, No. 1974 (P.No.185 & I.No.24.15)								
	Basic rate	512.00							
	11% AD-HOC	56.32							
	Sub Total-1	568.32							
	6% AW	34.10							
	Sub Total-2	602.42							
	2nd A main	2	202.00	0.10		40.40			
	11th A cross	2	220.00	0.10		44.00			
	5th A main	2	257.00	0.10		51.40			
	4th A main	2	204.00	0.10		40.80			
	12th A cross	2	160.00	0.10		32.00			
	13th A cross	2	172.00	0.10		34.40			
	3rd A main	2	118.00	0.10		23.60			
	14th A cross	2	350.00	0.10		70.00			
						336.60	Sqm	602.42	202774.30
19	KSRRB M800 Road markers / Road stud KSRRB M800-35. Providing and fixing of road stud 100x 100 mm, diecast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling hole 30 mm upto a depth of 60 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per BS: 873 part 4:1973 complete as per specifications.(P.No-189,I No-24.41)								
	Basic rate	339.00							

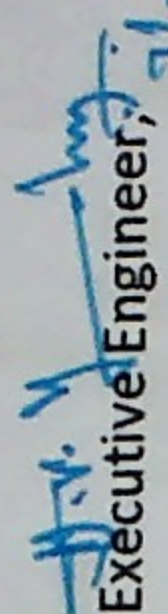
Sl	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
	11% AD-HOC	37.29							
	Sub Total-1	376.29							
	6% AW	22.58							
	Sub Total-2	398.87							
	At 6.00m interval		1683.00			3366.00			
						561.00	Nos	398.87	223764.61
						Total Construction Cost			9851596.70
						DPR & PMC Charges			148000.00
						Sub Total			9999596.70
						Utility Shifting, Miscellaneous, Rounding off			403.30
						GRAND TOTAL			10000000.00

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR, Bangalore circle for year 2016-2017, issue rates and Data Rates.


Assistant Engineer


Asst. Executive Engineer,


Executive Engineer,
Yelahanka Division,
BBMP Bangalore

Administrative Approval

Accorded For
Head of A/C.....
CER NO : Dt:..

B.E. (Project)

Technical Sanction
Accorded For
Head of A/C.....
CER NO : Dt:..


TA | **CE (YNK)**